BGP Link-State extensions for BIER

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Motivation

• This document specifies extensions to the BGP Link-state address-family in order to advertise BIER-specific.
BGP-LS Extensions for BIER

• The BGP-LS Prefix Attribute TLV [I-D.ietf-idr-ls-distribution] can be used to carry the BIER information. A new Prefix Attribute TLV and Sub-TLV are defined for the encoding of BIER information.
BGP-LS Extensions for BIER

- A new Prefix Attribute TLV (defined in [I-D.ietf-idr-ls-distribution] is defined for distributing BIER information. The new TLV is called the BIER TLV.
BGP-LS Extensions for BIER

- The BIER MPLS Encapsulation Sub-TLV is a sub-TLV of the BIER TLV. BIER MPLS Encapsulation Sub-TLV is used in order to advertise MPLS specific information used for BIER.
Next Step

• Comments welcome.
• WG adoption?
Thanks!